DATASHEET

AXIS Q6032-E PTZ Dome Network Camera

Advanced, outdoor-ready PTZ dome for demanding surveillance.

- > 35x optical zoom and 220° tilt
- > Outdoor-ready and Arctic Temperature Control
- > D1 resolution, day/night and H.264
- > Auto-tracking
- > High Power over Ethernet (IEEE 802.3at)

AXIS Q6032-E PTZ Dome Network Camera is an outdoor-ready, high-performance PTZ dome designed for quick, easy and reliable installation in demanding surveillance applications. It is ideal for use at airports and seaports, as well as for city and perimeter surveillance.

Note: Mounting brackets are sold separately

The IP66- and NEMA 4X-rated AXIS Q6032-E provides cost-efficient installation since no external housing is required. With Axis' Arctic Temperature Control, the camera not only can function at -40 °C (-40 °F) but also power up at that temperature following a power failure.

AXIS Q6032-E has 35x optical and 12x digital zoom. It has a fast and precise pan/tilt response. The camera can also tilt 20° above the horizon for an extended tilt range of 220°, enabling better views, especially over uneven terrain. Intelligent video functionalities include auto-tracking, which enables the camera to automatically detect and follow a moving object within its field of view.

Day and night functionality, progressive scan, 128x wide dynamic range and D1 resolution (720x480 in 60 Hz, 720x576 in 50 Hz) contribute to the camera's superb video quality. The H.264 compression format ensures that image quality is not compromised while providing great savings in bandwidth and storage use.

AXIS Q6032-E is powered through High Power over Ethernet using the supplied High PoE midspan. Power over Ethernet simplifies installation since only one cable is needed for carrying power, as well as video and pan/tilt/zoom controls. With High PoE, the camera can operate even during a power failure as the network can be connected to an Uninterruptible Power Supply.

41465/EN/R1/1012

Technical specifications – AXIS Q6032-E PTZ Dome Network Camera

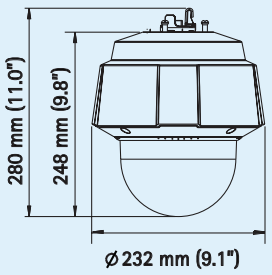
Camera	
Models	AXIS Q6032-E 60 Hz; AXIS Q6032-E 50 Hz
Image sensor	1/4" ExView HAD progressive scan CCD
Lens	f=3.4 – 119 mm, F1.4 – 4.2, autofocus, automatic day/night Horizontal angle of view: 55.8° - 1.7°
Minimum illumination	Color: 0.5 lux at 30 IRE F1.4 B/W: 0.008 lux at 30 IRE F1.4
Shutter time	1/30000 s to 0.5 s (60 Hz), 1/30000 s to 1.5 s (50 Hz)
Pan/tilt/zoom	E-flip, 100 preset positions Pan: 360° endless, 0.05° – 450°/s Tilt: 220°, 0.05° – 450°/s 35x optical zoom and 12x digital zoom, total 420x zoom
Pan/tilt/zoom functionalities	Guard tour Control queue On-screen directional indicator
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	D1 720x480 to 176x120 (60 Hz) D1 720x576 to 176x144 (50 Hz)
Frame rate H.264	H.264: Up to 30/25 fps (60/50 Hz) in all resolutions Motion JPEG: Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Wide dynamic range (WDR), electronic image stabilization (EIS), manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation, aspect ratio correction, text and image overlay, privacy mask, image freeze on PTZ
Network	
Security	Password protection, IP address filtering, HTTPS encryption*, IEEE 802.1X network access control*, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, SSL/TLS*, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

System integration	
Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com
Intelligent video	Video motion detection, auto-tracking
Alarm triggers	Intelligent video, PTZ position
Alarm events	File upload via FTP, HTTP and email Notification via email, HTTP and TCP PTZ position, local storage
Video buffer	56 MB pre- and post-alarm
General	
Casing	IP66- and NEMA 4X-rated metal casing (aluminum), acrylic (PMMA) clear dome, sunshield (PC/ASA)
Processors and memory	ARTPEC-3, 128 MB RAM, 128 MB Flash
Power	High Power over Ethernet (High PoE) IEEE 802.3at, max. 60 W AXIS T8124 High PoE Midspan 1-port: 100-240 V AC, max. 74 W
Connectors	RJ-45 for 10BASE-T/100BASE-TX PoE IP66-rated RJ-45 connector kit included
Local storage	SD/SDHC memory card slot (card is not included)
Operating conditions	-40 °C to 50 °C (-40 °F to 122 °F) Arctic Temperature Control enables camera start-up at temperatures as low as -40 °C (-40 °F)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, KCC Class B, EN 60950-1 IEC 60529 IP66, NEMA 250 Type 4X IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-60, ISO 4892-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Weight	3.5 kg (7.7 lb.)
Included accessories	AXIS T8124 High PoE Midspan 1-port, IP66-rated RJ-45 connector kit, clear and smoked dome cover, sunshield, Installation Guide, CD with User's Manual, recording software, installation and management tools, Windows decoder 1-user license

** This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)*

More information is available at www.axis.com

Dimensions



Optional accessories

AXIS T91A Mounting Accessories

Wall

Corner

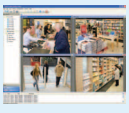
Ceiling

Pendant kit

AXIS T8310 Video Surveillance Control Board

AXIS T90A Illuminators

AXIS P8221 Network I/O Audio Module



AXIS Camera Station and video management software from Axis' Application Development Partners. For more information, see www.axis.com/products/video/software/

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